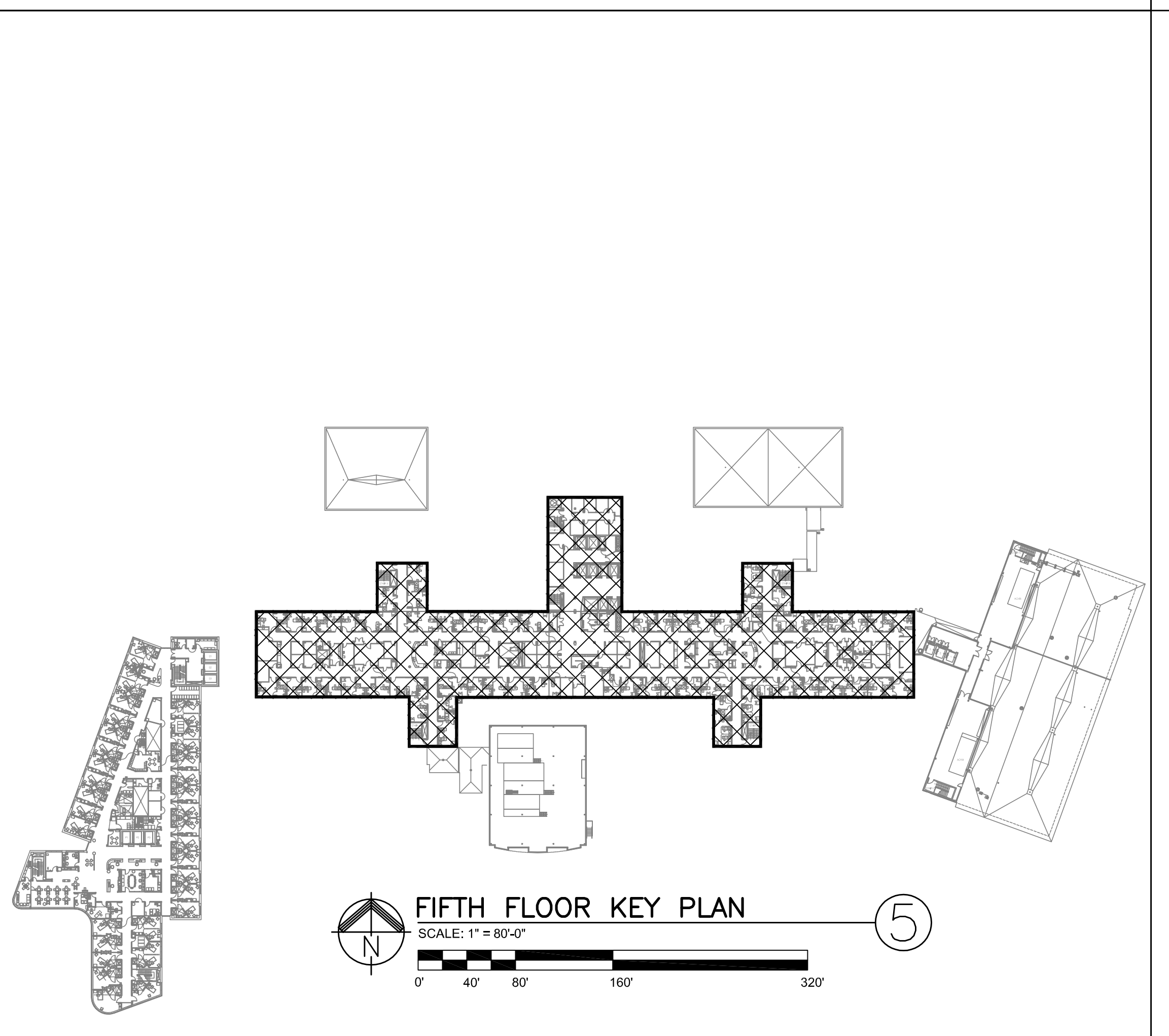
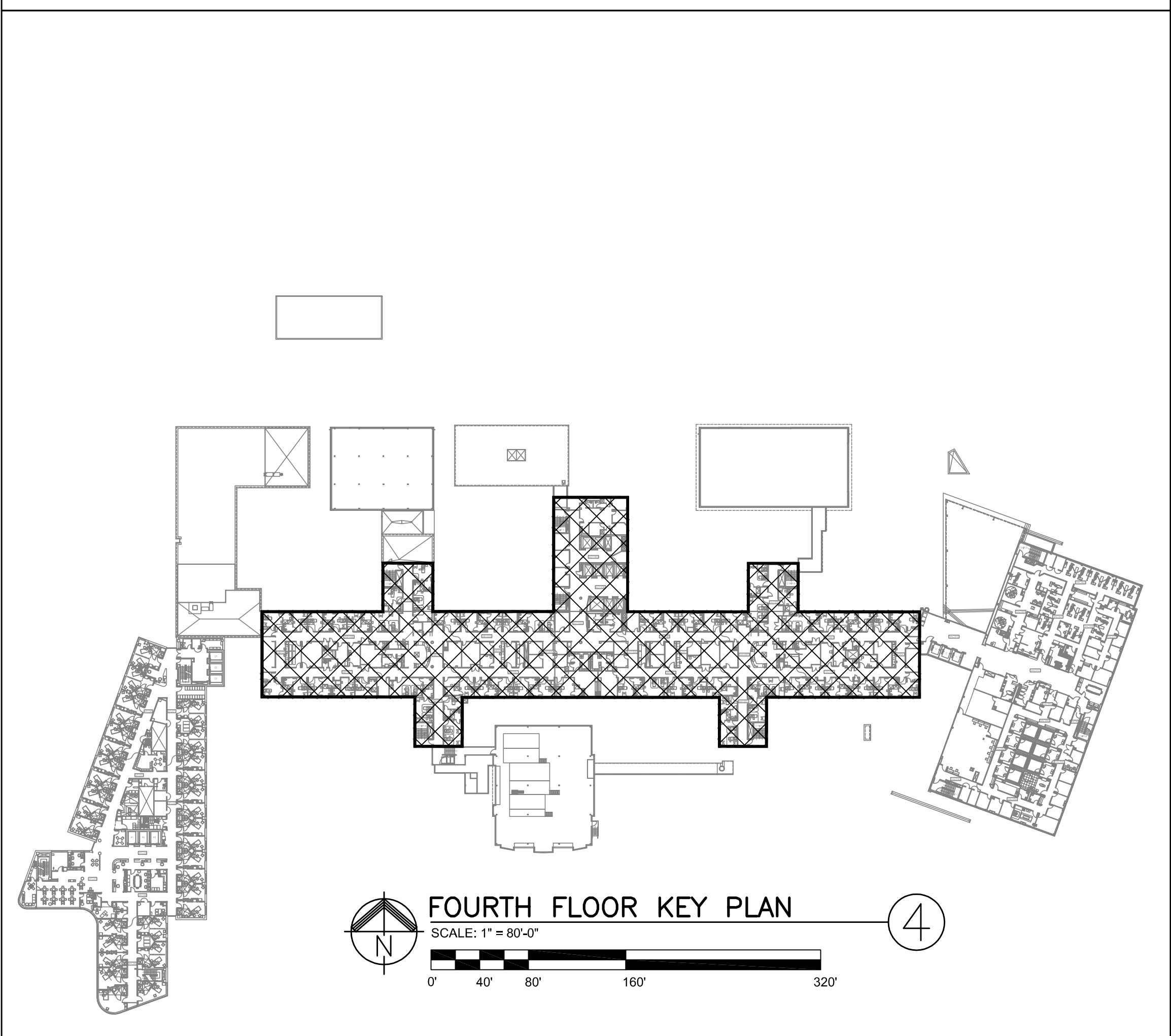
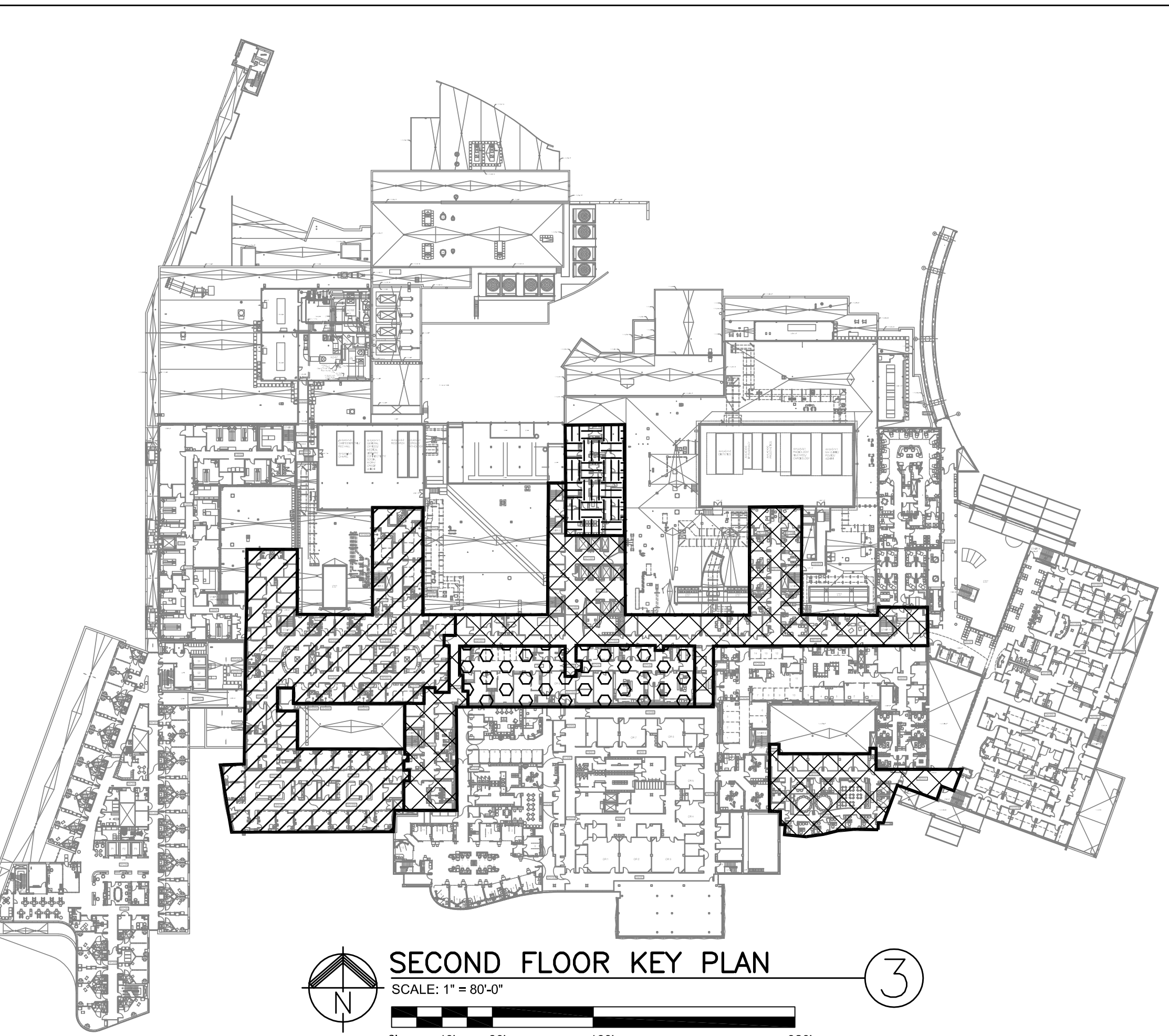
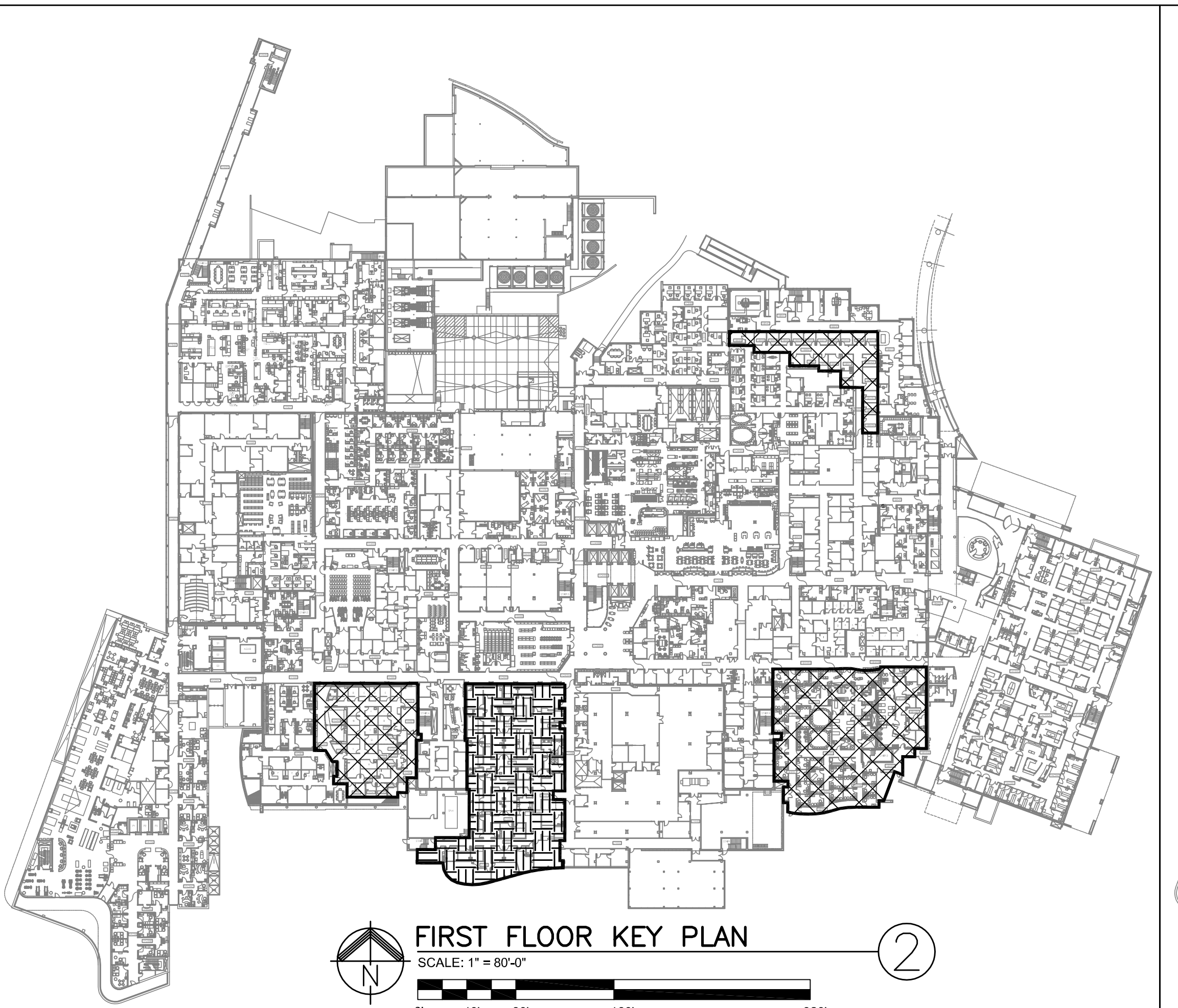
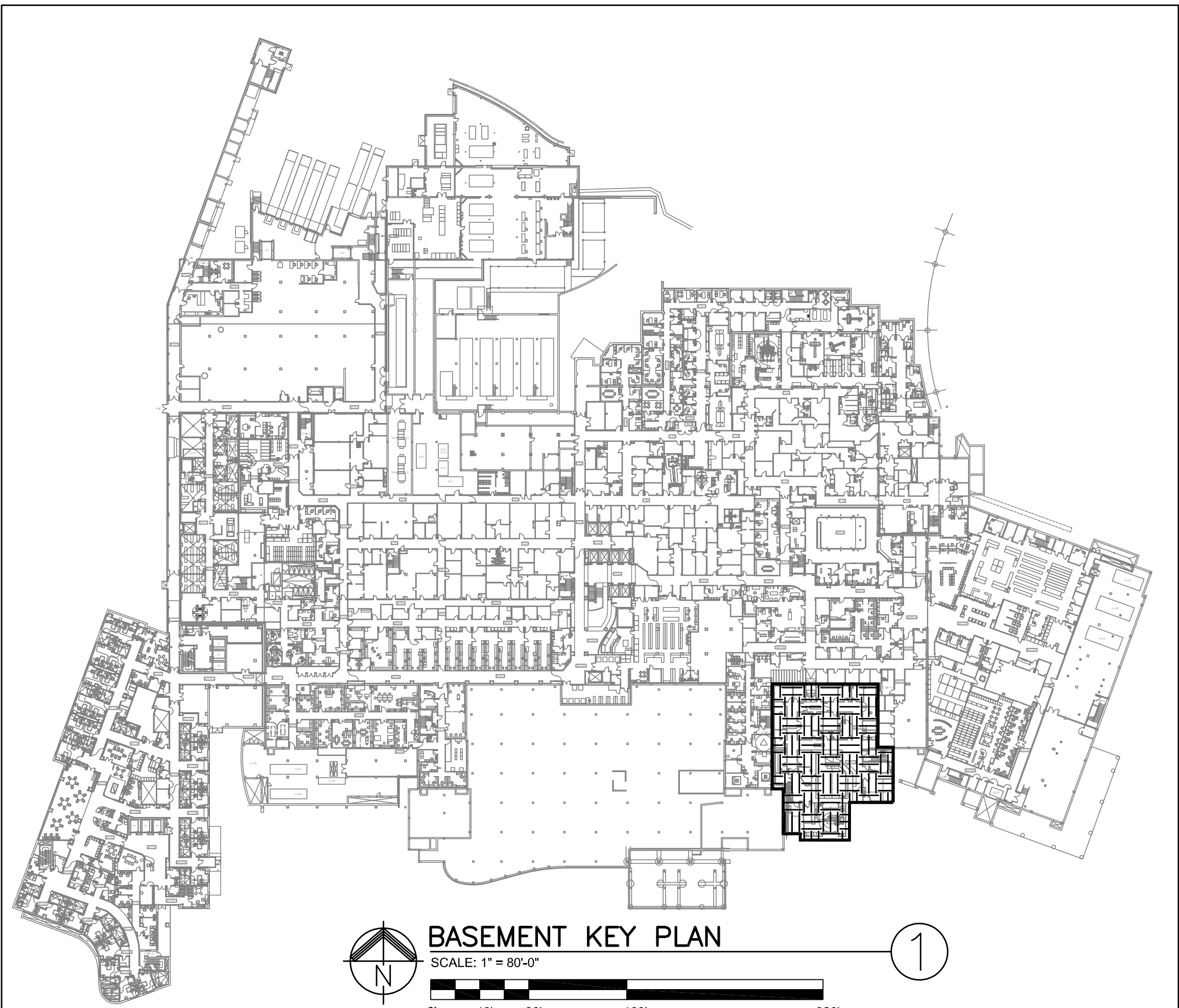


three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



KEY PLAN LEGEND

	ABOVE-CEILING WORK: INFECTION CONTROL PRECAUTION CLASS II. ALL WORK SHALL OCCUR DURING NORMAL WORKING HOURS.
	ABOVE-CEILING WORK: INFECTION CONTROL PRECAUTION CLASS II. ALL WORK SHALL OCCUR DURING OFF-HOURS.
	ABOVE-CEILING WORK: INFECTION CONTROL PRECAUTION CLASS III. ABOVE-CEILING WORK SHALL OCCUR DURING OFF-HOURS. (THERMOSTATS TO BE REPLACED DURING NORMAL WORKING HOURS).
	ABOVE-CEILING WORK: INFECTION CONTROL PRECAUTION CLASS III. ALL WORK SHALL OCCUR DURING OFF-HOURS

*NOTE: ALL WORK BELOW CEILING (i.e. THERMOSTAT REPLACEMENTS) SHALL BE INFECTION CONTROL PRECAUTION CLASS I.

OFF-HOURS WORK:

A. THE PROJECT SHALL PRIMARILY BE COMPLETED DURING NORMAL WORK HOURS. OFF-HOURS WORK AREAS ARE NOTED ON THE KEY PLANS, THIS DRAWING.

B. OFF-HOURS SHALL BE BETWEEN 4:00PM AND 11:00PM MONDAY THROUGH FRIDAY.

C. ALL WORK IN ELECTRICAL ROOMS AND IRM/IT ROOMS SHALL OCCUR DURING NORMAL WORK HOURS.

D. ALL TEMPERATURE CONTROLS, SOFTWARE, AND PROGRAMMING WORK SHALL OCCUR DURING NORMAL WORK HOURS.

STATEMENT OF BID ITEMS:

BID ITEM 1:
CONVERT PNEUMATIC VAV BOXES TO DDC CONTROL: WORK INCLUDES GENERAL CONSTRUCTION, ALTERATIONS, MECHANICAL, AND ELECTRICAL WORK AS INDICATED ON DRAWINGS AND IN SPECIFICATIONS. GENERAL SCOPE OF WORK IS TO REPLACE EXISTING PNEUMATIC THERMOSTATS WITH NEW WIRELESS PNEUMATIC THERMOSTAT SYSTEM THAT WILL PROVIDE THE FUNCTIONALITY AND CONTROL OF A DDC SYSTEM.

BID ITEM 2. (DEDUCT ALTERNATE 1):
SAME AS BID ITEM 1 EXCEPT REPLACE DRAWING 1-ME6 WITH 1-ME6-ALT1 AND REPLACE DRAWING 1-E5 WITH 1-E5-ALT1.

BID ITEM 3. (DEDUCT ALTERNATE 2):
SAME AS BID ITEM 1 EXCEPT REPLACE DRAWING 1-ME6 WITH 1-ME6-ALT2 AND REPLACE DRAWING 1-E5 WITH 1-E5-ALT2.

CONSTRUCTION DURATION SCHEDULE:

THE FOLLOWING CHART DESCRIBES AMOUNTS OF TIME ALLOTTED FOR EACH PHASE OF CONSTRUCTION.
CONSTRUCTION DURATION BEGINS AT NOTICE-TO-PROCEED.

PHASE 1 OF 1: 150 DAYS (DAY 1 TO DAY 150)

- BUILDING FREQUENCY TESTING.
- PROVIDE NEW WIRELESS PNEUMATIC THERMOSTAT SYSTEM AS ILLUSTRATED ON DRAWINGS AND SPECIFICATIONS.
- INTEGRATE SYSTEM INTO EXISTING BUILDING AUTOMATION TEMPERATURE CONTROLS SYSTEMS (ANDOVER AND TRIDUM).
- PROJECT COMMISSIONING.
- OWNER TRAINING.

TOTAL PROJECT TIME: **150 DAYS**

INFECTION CONTROL NOTES:

A. INFECTION CONTROL PERMITS SHALL BE COORDINATED WITH AND ISSUED BY THE VA COR. MORE THAN ONE PERMIT MAY BE ISSUED FOR A CONSTRUCTION PROJECT IF THE WORK IS LOCATED IN SEPARATE AREAS REQUIRING SEPARATE CLASSES.

B. ALL THERMOSTAT REPLACEMENTS (BELOW CEILING WORK) ARE INFECTION CONTROL PRECAUTION CLASS I.

C. REFER TO KEY PLANS, THIS DRAWING, FOR INFECTION CONTROL PRECAUTION CLASS FOR ABOVE-CEILING WORK.

D. CONTRACTOR SHALL REFER TO SPECIFICATION 01 01 00, INFECTION CONTROL RISK ASSESSMENT FOR ADDITIONAL INFORMATION.

E. CONTRACTOR SHALL UTILIZE A PORTABLE CONTAINMENT UNIT WHEN ACCESSING ABOVE CEILING.

F. CONTRACTOR SHALL CLEAN UP WORK AREA AT THE END OF EACH SHIFT OR AT THE COMPLETION OF EACH ABOVE CEILING TASK.

FOR CONSTRUCTION

FULLY SPRINKLERED

<table><tr><td>Bid Issue</td><td>03-30-15</td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td>Revisions:</td><td>Date</td></tr></table>	Bid Issue	03-30-15																			Revisions:	Date	CONSULTANTS:		ARCHITECT/ENGINEER: FREDRICK, FREDRICK & HELLER ENGINEERS, INC. 672 EAST ROYALTON ROAD BROADVIEW HTS., OHIO 44147 TEL: (440) 546-9888 FAX: (440) 546-9899	<table><tr><td colspan="2">Drawing Title GENERAL INFORMATION</td></tr><tr><td colspan="2">Approved: Project Director</td></tr></table>	Drawing Title GENERAL INFORMATION		Approved: Project Director		<table><tr><td colspan="2">Project Title CONVERT PNEUMATIC VAV BOXES TO DDC CONTROL</td></tr><tr><td>Location VAMC - WADE PARK</td><td>Drawing Number 1-X1</td></tr><tr><td>Date 03-30-15</td><td>Checked LDH</td></tr><tr><td> </td><td>Drawn LDH</td></tr></table>	Project Title CONVERT PNEUMATIC VAV BOXES TO DDC CONTROL		Location VAMC - WADE PARK	Drawing Number 1-X1	Date 03-30-15	Checked LDH		Drawn LDH	<table><tr><td>Project Number 541-15-202</td></tr><tr><td>Building Number 1</td></tr><tr><td>Dwg. of</td></tr></table>	Project Number 541-15-202	Building Number 1	Dwg. of	<table><tr><td>Office of Facilities Management</td></tr><tr><td> Department of Veterans Affairs</td></tr></table>	Office of Facilities Management	Department of Veterans Affairs
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